ABSTRACT OF THE DISCLOSURE

A no-lead electrical module for illuminating lamps in shoes and other clothing or accessories, such as backpacks, includes a circuit board having a number of conductor tracks and a battery having plates of opposite polarity on its opposite sides. A metal spring clamp mechanically holds the battery against the circuit board and also makes contact with one side of the battery and a conductor track on the circuit board. Another metal spring clamp makes contact with the opposite side of the battery and another conductor track. A switch has two terminals secured to conductor tracks on the circuit board by means of two spring clamps. Other components are secured to conductor traces or tracks with spring clamps. A double-stranded wire carrying a lamp is secured to contacts on the circuit board by additional spring clamps. The module is encapsulated in a potting compound. In a second embodiment, all or part of the spring clamps are held to the circuit board with a non-conductive resilient pad overlying the circuit board and clamped to the various electrical leads on the circuit board by means of a hard, non-flexible board with screws passing through the board and the circuit board to force the leads against their conductor traces. A third embodiment uses no circuit board but employs the same types of non-lead connecting devices described above.